

# WEST Search History

DATE: Wednesday, May 14, 2003

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set

*DB=USPT; PLUR=YES; OP=ADJ*

L14	above average adj5 northern leaf	9	L14
L13	above average adj5 fusarium	10	L13
L12	relative maturity adj5 107	6	L12
L11	34b97 and (corn or maize)	0	L11
L10	L9 and l8 and l5 and l2	1	L10
L9	l6 and (corn or maize)	32	L9
L8	l7 and (corn or maize)	280	L8
L7	cob color adj5 red	280	L7
L6	glume color adj5 purple	32	L6
L5	L4 and (corn or maize)	103	L5
L4	anther color adj5 pink	120	L4
L3	anther color adj5 pink	0	L3
L2	L1 and (corn or maize)	75	L2
L1	silk color adj5 light green	75	L1

END OF SEARCH HISTORY

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID : ssspta1649axm

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Jun 03 New e-mail delivery for search results now available  
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 11 Oct 24 BEILSTEIN adds new search fields  
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT  
NEWS 14 Nov 25 More calculated properties added to REGISTRY  
NEWS 15 Dec 04 CSA files on STN  
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date  
NEWS 17 Dec 17 TOXCENTER enhanced with additional content  
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN  
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,  
ENERGY, INSPEC  
NEWS 20 Feb 13 CANCERLIT is no longer being updated  
NEWS 21 Feb 24 METADEX enhancements  
NEWS 22 Feb 24 PCTGEN now available on STN  
NEWS 23 Feb 24 TEMA now available on STN  
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation  
NEWS 25 Feb 26 PCTFULL now contains images  
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results  
NEWS 27 Mar 19 APOLLIT offering free connect time in April 2003  
NEWS 28 Mar 20 EVENTLINE will be removed from STN  
NEWS 29 Mar 24 PATDPAFUL now available on STN  
NEWS 30 Mar 24 Additional information for trade-named substances without  
structures available in REGISTRY  
NEWS 31 Apr 11 Display formats in DGENE enhanced  
NEWS 32 Apr 14 MEDLINE Reload  
NEWS 33 Apr 17 Polymer searching in REGISTRY enhanced  
NEWS 34 Apr 21 Indexing from 1947 to 1956 being added to records in CA/CAPLUS  
NEWS 35 Apr 21 New current-awareness alert (SDI) frequency in  
WPIDS/WPINDEX/WPIX  
NEWS 36 Apr 28 RDISCLOSURE now available on STN  
NEWS 37 May 05 Pharmacokinetic information and systematic chemical names  
added to PHAR  
  
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information

**NEWS LOGIN** Welcome Banner and News Items  
**NEWS PHONE** Direct Dial and Telecommunication Network Access to STN  
**NEWS WWW** CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 11:29:16 ON 14 MAY 2003

FILE 'AGRICOLA' ENTERED AT 11:29:24 ON 14 MAY 2003

FILE 'BIOSIS' ENTERED AT 11:29:24 ON 14 MAY 2003  
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

=> s anther color (10w) pink  
L1 0 ANTHE COLOR (10W) PINK

=> s silk color (10w) light green  
L2 0 SILK COLOR (10W) LIGHT GREEN

=> s cob color (10w) red  
L3 0 COB COLOR (10W) RED

=> s 34b97 and (corn or maize)  
L4 0 34B97 AND (CORN OR MAIZE)

=> s fusarium ear rot and (corn or maize)  
L5 45 FUSARIUM EAR ROT AND (CORN OR MAIZE)

=> S 15 AND TEST WEIGHT  
L6 O L5 AND TEST WEIGHT

=> s 15 and yield

```
=> dup rem l7
PROCESSING COMPLETED FOR L7
L8          4 DUP REM L7 (1 DUPLICATE REMOVED)

=> d 1-4 ti

L8  ANSWER 1 OF 4 AGRICOLA Compiled and distributed by the National
    Agricultural Library of the Department of Agriculture of the United States
    of America. It contains copyrighted materials. All rights reserved.
    (2003)                               DUPLICATE 1
TI  Importance of the husk covering on the susceptibility of corn
    hybrids to Fusarium ear rot.
```

L8 ANSWER 2 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Genetic and agronomic evaluation of short-season quality protein  
**maize**.

L8 ANSWER 3 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI A NEW MODIFIED SINGLE CROSS **MAIZE** HYBRID JECHEONOK.

L8 ANSWER 4 OF 4 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI EFFECT OF **FUSARIUM EAR ROT** ON CORN  
YIELDS.

=> s 15 and northern leaf blight  
L9 0 L5 AND NORTHERN LEAF BLIGHT

=> s 15 and grain quality  
L10 1 L5 AND GRAIN QUALITY

=> d ti

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Ear rot susceptibility and mycotoxin contamination of **maize**  
hybrids inoculated with Fusarium species under field conditions.

=> d ab

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
AB The development of new **maize** hybrids with resistance to Fusarium  
infection is an effective means of minimizing the risk of mycotoxin  
contamination. Several **maize** hybrids have been investigated for  
**Fusarium ear rot** and accumulation of fumonisin  
B1 (FB1), fumonisin B2 (FB2), beauvericin (BEA) and fusaproliferin (FP)  
after artificial inoculation in the field with toxigenic strains of  
Fusarium verticillioides and Fusarium proliferatum. The year of inoculation  
had a significant influence on the disease severity and mycotoxin  
accumulation in **maize** kernels. Of all the hybrids tested, only  
Mona exhibited resistance to ear rot caused by F. verticillioides and  
produced low levels of fumonisins during three years of experiments. In  
Fusarium-damaged kernels (FDK), fumonisin B1, fumonisin B2, beauvericin  
and fusaproliferin were detected at concentrations much higher (up to  
10-20 times) than in healthy-looking kernels (HLK). Animal and human  
exposure to these mycotoxins can be drastically reduced by removing mouldy  
and visibly damaged kernels from the commodity.

=> d so

L10 ANSWER 1 OF 1 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
SO European Journal of Plant Pathology, (September 2002, 2002) Vol. 108, No.  
7, pp. 645-651. print.  
ISSN: 0929-1873.

=> s northern leaf blight and (corn or maize)  
UNMATCHED LEFT PARENTHESIS 'AND (CORN'  
The number of right parentheses in a query must be equal to the  
number of left parentheses.

=> s northern leaf blight and (corn or maize)  
L11 140 NORTHERN LEAF BLIGHT AND (CORN OR MAIZE)

=> s l11 and (excellent yield or good yield or high yield)  
L12 0 L11 AND (EXCELLENT YIELD OR GOOD YIELD OR HIGH YIELD)

=> s l11 and yield  
L13 29 L11 AND YIELD

=> dup rem l13  
PROCESSING COMPLETED FOR L13  
L14 21 DUP REM L13 (8 DUPLICATES REMOVED)

=> d 1-10 ti

L14 ANSWER 1 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI [Corn populations genetic value for disease resistance in off  
season sowing "safrinha" conditions.  
Original Title: Valor genetico de populacoes de milho para resistencia a  
doencas em condicoes de "safrinha"..

L14 ANSWER 2 OF 21 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 1

TI Disease severity and yield of sweet corn hybrids with  
resistance to northern leaf blight.

L14 ANSWER 3 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Reactions of sh2 sweet corn hybrids to northern  
leaf blight in Florida and Illinois.

L14 ANSWER 4 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Assessment of damage and grain yield loss in maize  
caused by northern leaf blight in western  
Ethiopia.

L14 ANSWER 5 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Identification of characters to breed maize (Zea mays) variety  
for acid alfisols.

L14 ANSWER 6 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI Sequential component analysis under various lime doses in maize.

L14 ANSWER 7 OF 21 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 2

TI Effect of planting density of maize on the progress and spread  
of northern leaf blight from Exserohilum  
turcicum infested residue source.

L14 ANSWER 8 OF 21 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 3

TI Effects of races 0 and 1 of Exserohilum turcicum on sweet corn  
hybrids differing for Ht- and partial resistance to northern  
leaf blight.

L14 ANSWER 9 OF 21 AGRICOLA Compiled and distributed by the National  
Agricultural Library of the Department of Agriculture of the United States  
of America. It contains copyrighted materials. All rights reserved.  
(2003) DUPLICATE 4

TI Relationships between yield of sweet corn and  
northern leaf blight caused by Exserohilum  
turcicum.

L14 ANSWER 10 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.

TI YIELD LOSS OF SWEET CORN CULTIVARS IN RESPONSE TO DEFOLIATION AND TO INFECTION BY EXSEROHILUM-TURCICUM.

=> d 11-21 ti

L14 ANSWER 11 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI EPIDEMIOLOGY OF NORTHERN LEAF BLIGHT ON SWEET CORN.

L14 ANSWER 12 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI YIELD LOSS IN SWEET CORN IN RESPONSE TO DEFOLIATION OR INFECTION BY EXSEROHILUM-TURCICUM.

L14 ANSWER 13 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

TI Effect of time and rate of N sidedress application on northern corn leaf blight severity and the associated yield loss.

DUPLICATE 5

L14 ANSWER 14 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI BELJSKI ZUBAN AS A SOURCE OF GENETIC VARIABILITY FOR DEVELOPING MAIZE INBRED LINES AND HYBRIDS.

L14 ANSWER 15 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

DUPLICATE 6

TI Effects of northern leaf blight and detasseling on yields and yield components of corn inbreds.

L14 ANSWER 16 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

DUPLICATE 7

TI Classification of sweet corn hybrid reactions to common rust, northern leaf blight, Stewart's wilt, and Goss' wilt and associated yield reductions.

L14 ANSWER 17 OF 21 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2003)

DUPLICATE 8

TI Disease development and yield losses associated with northern leaf blight on corn.

L14 ANSWER 18 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI DIFFERENCES IN RESISTANCE BETWEEN MAIZE HYBRIDS WITH OR WITHOUT THE HT-1 GENE WHEN INFECTED WITH EXSEROHILUM-TURCICUM RACE 2.

L14 ANSWER 19 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI A SIMULATION MODEL OF THE NORTHERN LEAF BLIGHT OF CORN.

L14 ANSWER 20 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI HAWAIIAN SUPER-SWEET 6 CORN.

L14 ANSWER 21 OF 21 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.  
TI STUDIES ON RESISTANCE TO NORTHERN LEAF BLIGHT HELMINTHOSPORIUM-TURCICUM IN CORN-M PART 1 RELATIONSHIP BETWEEN THE DEGREE OF INFECTION AND YIELD DECREASE.

=> s l11 and brittle stalk  
L15 0 L11 AND BRITTLE STALK

=> s l11 and test weight  
L16 0 L11 AND TEST WEIGHT